

## **CONTINUOUS ON-LINE CARBON ANALYZER**

### ABSTRACT OF THE DISCLOSURE

A continuous on-line combustion-type carbon  
5 analyzer for water applications is provided. The  
analyzer receives a continuous stream of sample and  
carbon dioxide-free gas. The analyzer includes  
control components to limit sample flow into a  
combustion furnace such that excessive pressures and  
10 thermal stresses are minimized. The sample specimen  
is oxidized within the combustion furnace and the  
oxidized sample is conveyed to a detector that  
provides a continuous read-out of carbon quantity in  
the sample stream.

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